LAND APPLICATION SITE

CAROL H EDMUNDS SITE

LUCHE 1-8

LUNENBURG COUNTY

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 1-13-15 between Thomas E.H. Edmunds referred to here as "Landowner", and Recyc Systems, Inc, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:
The Landowner is the owner of record of the real property located in Lunenburg County, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
326	403	16390	
	24-A-34		

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:
☒ The Landowner is the sole owner of the properties identified herein.
☐ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

Class B biosolids	Water treatment residuals	Food processing waste	Other industrial sludges
☒ Yes ☐ No	☒ Yes ☐ No	☒ Yes ☐ No	☒ Yes ☐ No

THOMAS EDMUNDS X T.E.H. Edmunds 59 ELLIOTT AVE RD
Landowner – Printed Name, Title | Signature | Mailing Address & Phone Number
KENBRIDGE, VA 23944
434 676 3340

Permittee:
Recyc Systems, Inc, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Permittee – Authorized Representative Printed Name | Signature | PO Box 562 Remington, Virginia 22734 Mailing Address

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Recyc Systems, Inc **County or City:** Lunenburg County

Landowner: Thomas Edmonds
Carol Edmonds – Deceased 1-19-14

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

2. Public Access
   a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
   b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
   c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

3. Crop Restrictions:
   a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
   b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
   c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
   d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
   e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

4. Livestock Access Restrictions:
   Following biosolids application to pasture or hayland sites:
   a. Meat producing livestock shall not be grazed for 30 days,
   b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
   c. Other animals shall be restricted from grazing for 30 days;

5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;

6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

T E H Edmonds — 1-13-15

Landowner's Signature — Date

T E H Edmonds
SAME — 59 Elliott Hurt Rd Kenbridge VA. 23944

Farm Operator Signature — Mailing Address & Phone Number

RECYC SYSTEMS, INC
FIELD DATA SHEET

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #
		Water Table	Bed Rock/Shallow	Surf/Leach	Freq Flood			
LUCHE 1	21.0	-	-	-	-	CU04	TM24,P34	403
LUCHE 2	5.3	-	-	-	-	CU04	TM24,P34	403
LUCHE 3	7.6	-	-	-	-	CU04	TM24,P34	403
LUCHE 4	11.8	-	-	-	-	CU04	TM24,P34	403
LUCHE 5	6.3	-	-	-	-	CU04	TM24,P34	403
LUCHE 6	5.6	-	-	-	-	CU04	TM36A,P145	326
LUCHE 7	6.5	-	-	-	-	CU04	TM36A,P145	326
LUCHE 8	6.2	-	-	-	-	CU04	TM136A,P161	303
TOTAL ACRES IN SITE	70.3							

Recyc Systems, Inc

Carol H. Edmunds Site

County	Owner	Operator	FSA Tract No.	Recyc Field No.	Acres	Date of Last Application
Lumemburg	Carol H. Edmunds Thomas E. Edmunds Virginia R. Edmunds	Sterling Noblin	T403 Field 8	LUCHEE1	21.0	
			T403 Field 2	LUCHEE2	5.3	
			T403 Field 1	LUCHEE3	7.6	
			T403 Field 4,5	LUCHEE4	11.8	
			T403 Field 3	LUCHEE5	6.3	
			T326 Field 4	LUCHEE6	5.6	
			T326 Field 6	LUCHEE7	6.5	
			T303 Field 1	LUCHEE8	6.2	

Report Number:
R09183-0065

Account Number:
70594

A&L Eastern Laboratories, Inc.

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401
Fax No. (804) 271-6446 Email: office@al-labs-eastern.com

Send To: RECYC SYSTEMS INC
POB 562
REMINGTON, VA 22734

Grower: CAROL EDMUNDS/LUCHE
LUNENBURG

Submitted By: J B CRENSHAW

Farm I D:

Field I D:

SOIL ANALYSIS REPORT

Date Received: 7/2/2009 **Date of Analysis:** 7/3/2009 **Date of Report:** 7/7/2009

Analytical Method(s)
Mehlich III

Sample Number	Lab Number	Organic Matter			Phosphorus			Potassium		Magnesium		Calcium		Sodium		pH		Acidity	C.E.C.
		%	EN lbs/A	Rate	Available ppm	Rate	Reserve ppm	K ppm	Rate	MG ppm	Rate	CA ppm	Rate	NA ppm	Rate	Soil pH	Buffer Index	H meq/100g	meq/100g
1	13203	3.0	101	M M	95	H H		58	L L	131	H H	672	M M			5.5	6.8	1.6	6.2
2	13204	1.7	77	L L	16	L L		49	L L	133	H H	526	M M			5.7	6.8	1.0	4.9
3	13205	2.4	87	L L	76	H H		121	H H	181	H H	899	M M			5.7	6.8	1.7	8.0
4	13206	2.0	85	L L	45	M M		25	V VL	67	M M	436	M M			5.5	6.8	1.0	3.8
5	13207	1.7	78	L L	34	M M		21	V VL	79	H H	514	M M			5.7	6.8	0.9	4.2

Sample Number	Percent Base Saturation					Nitrate	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Soluble Salts	Chloride	Aluminum
	K %	Mg %	Ca %	Na %	H %	NO3-N ppm Rate	SO4-S ppm Rate	ZN ppm Rate	MN ppm Rate	FE ppm Rate	CU ppm Rate	B ppm Rate	ms/cm Rate	CL ppm Rate	AL ppm Rate
1	2.4	17.6	54.2		25.8										
2	2.6	22.6	53.7		21.1										
3	3.9	18.9	56.2		21.1										
4	1.7	14.8	57.8		25.8										
5	1.3	15.8	61.8		21.1										

ALE-Soil

Values on this report represent the plant available nutrients in the soil.
Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High).
ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams).
Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to the sample(s) tested. Samples are retained a maximum of thirty days after testing. Soil Analysis prepared by:
A & L EASTERN LABORATORIES, INC.

by: Paul Chu, Ph.D.

Report Number:
R09183-0065
Account Number:
70594

A&L Eastern Laboratories, Inc.

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401
Fax No. (804) 271-6446 Email: office@al-labs-eastern.com

Send To: RECYC SYSTEMS INC
POB 562
REMINGTON, VA 22734

Grower: CAROL EDMUNDS/LUCHE
LUNENBURG

Submitted By: J B CRENSHAW

Farm I D: **Field I D:**

SOIL ANALYSIS REPORT

Page: 2 **Date Received:** 7/2/2009 **Date of Analysis:** 7/3/2009 **Date of Report:** 7/7/2009

Analytical Method(s):
Mehlich III

Sample Number	Lab Number	Organic Matter %	Organic Matter ENR lbs/A	Organic Matter ENR Rate	Phosphorus Available ppm	Phosphorus Available Rate	Phosphorus Reserve ppm	Phosphorus Reserve Rate	Potassium K ppm	Potassium K Rate	Magnesium MG ppm	Magnesium MG Rate	Calcium CA ppm	Calcium CA Rate	Sodium NA ppm	Sodium NA Rate	pH Soil pH	pH Buffer Index	Acidity H meq/100g	C.E.C. meq/100g
6	13228	2.3	87	L L	12	VL			55	L L	175	H H	771	M M			5.9	6.8	1.1	6.6
7	13229	3.9	115	M M	12	VL			71	L L	246	H H	1082	M M			5.9	6.8	1.6	9.2
8	13230	2.5	95	L L	12	VL			59	L L	83	H H	395	M M			5.7	6.9	0.8	3.6

Sample Number	Percent Base Saturation K %	Mg %	Ca %	Na %	H %	Nitrate NO3-N ppm	Rate	Sulfur SO4-S ppm	Rate	Zinc ZN ppm	Rate	Manganese MN ppm	Rate	Iron FE ppm	Rate	Copper CU ppm	Rate	Boron B ppm	Rate	Soluble Salts ms/cm	Rate	Chloride CL ppm	Rate	Aluminum AL ppm	Rate
6	2.1	22.2	58.6		17.2																				
7	2.0	22.2	58.7		17.2																				
8	4.2	19.4	55.3		21.1																				

ALE-Soil

Values on this report represent the plant available nutrients in the soil.
Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High).
ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams).
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This report applies to the sample(s) tested. Samples are retained a maximum of thirty days after testing. Soil Analysis prepared by:
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To: RECYC SYSTEMS INC
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REMINGTON, VA 22734

For: CAROL EDMUNDS/LUCHE
LUNENBURG

Copy To: J B CRENSHAW

Attn: SUSAN TRUMBO

Date Received: 07/02/2009
Date Reported: 07/07/2009

SOIL FERTILITY RECOMMENDATIONS

Page: 1

Sample ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P2O5 lb/A	Potash K2O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
1	Adj pH To 6.8		2.0	0	0	0	0						
2	Adj pH To 6.8		1.5	0	0	0	0						
3	Adj pH To 6.8		1.8	0	0	0	0						
4	Adj pH To 6.8		1.8	0	0	0	0						
5	Adj pH To 6.8		1.5	0	0	0	0						

ALE-Rec

Sample 4: Apply dolomitic lime to raise pH and improve the magnesium level.

Paul Chu, Ph.D.

Report Number:
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Date Received: 07/02/2009
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SOIL FERTILITY RECOMMENDATIONS

Sample ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P2O5 lb/A	Potash K2O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
6	Adj pH To 6.8		1.5	0	0	0	0						
7	Adj pH To 6.8		1.8	0	0	0	0						
8	Adj pH To 6.8		1.5	0	0	0	0						

ALE-Rec

Paul Chu, Ph.D.

THE PLANNER IS NOT STATE CERTIFIED

Nutrient Management Plan Balance Sheet
(Fall, 2009-Winter, 2010)
Carol H Edmunds
Planner: Recyc Systems Inc

Tract: 303 Location: Lunenburg
(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
1/LUCHE 8(N)	6/6	2009	Hay/Pasture	100-80-110	0/0				100-80-110	N/A			

Commercial Application Methods:
br - Broadcast ba - Banded sd - Sidedress
Notes:

Tract: 403 Location: Lunenburg
(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
8/LUCHE 1(N)	21/21	2009	Hay/Pasture	100-40-110	0/0				100-40-110	N/A			
2/LUCHE 2(N)	5/5	2009	Hay/Pasture	100-70-120	0/0				100-70-120	N/A			
1/LUCHE 3(N)	8/8	2009	Hay/Pasture	100-40-85	0/0				100-40-85	N/A			
4 , 5/LUCHE 4(N)	12/12	2009	Hay/Pasture	100-40-130	0/0				100-40-130	N/A			
3/LUCHE 5(N)	6/6	2009	Hay/Pasture	100-50-130	0/0				100-50-130	N/A			

Commercial Application Methods:
br - Broadcast ba - Banded sd - Sidedress
Notes:

Tract: 326 Location: Lunenburg
(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
4/LUCHE 6(N)	6/6	2009	Hay/Pasture	100-80-110	0/0				100-80-110	N/A			
6/LUCHE 7(N)	7/7	2009	Hay/Pasture	100-80-95	0/0				100-80-95	N/A			

Commercial Application Methods:
br - Broadcast ba - Banded sd - Sidedress
Notes:

THE PLANNER IS NOT STATE CERTIFIED

Carol H Edmunds Narrative

This is Carol H. Edmunds farm located in Lunenburg County. The farm consists of hay and pasture fields.

This is a partial plan written for the purpose of obtaining a biosolids permit. Biosolids application has not been shown since it is uncertain when a permit will be obtained. The partial plan will be revised prior to biosolids application to obtain a target biosolids application rate.

Field Productivities for Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
303	303/1	LUCHE 8	6	Cecil	IVb	IV II	III	IV	
326	326/4	LUCHE 6	6	Appling	IVb	IV II	III	IV	
	326/6	LUCHE 7	7	Appling	IVb	IV II	III	IV	
403	403/8	LUCHE 1	21	Appling	IVb	IV II	III	IV	
	403/2	LUCHE 2*	5	Appling	IVb	IV II	III	IV	High Slope
	403/1	LUCHE 3	8	Appling	IVb	IV II	III	IV	
	403/4 , 5	LUCHE 4	12	Appling	IVb	IV II	III	IV	
	403/3	LUCHE 5	6	Appling	IVb	IV II	III	IV	

* Do not apply manure or biosolids more than 30 days prior to planting. Apply commercial fertilizer nitrogen to row crops in split spring applicaions.

Yield Range

Field Productivity Group	Corn Grain Bu/Acre	Barley/Intensive Wheat Bu/Acre	Std. Wheat Bu/Acre	Alfalfa Tons/Acre	Grass/Hay Tons/Acre
I	>170	>80	>64	>6	>4.0
II	150-170	70-80	56-64	4-6	3.5-4.0
III	130-150	60-70	48-56	<4	3.0-3.5
IV	100-130	50-60	40-48	NA	<3.0
V	<100	<50	<40	NA	NA

Soil Test Summary

Tract	Field	Acre	Date	P2O5	K2O	Lab	Soil pH	Lime Date	rec. lime tons/Ac
303	LUCHE 8	6	2009-Su	L (12 P ppm)	M- (59 K ppm)	A&L Mill	5.7		
326	LUCHE 6	6	2009-Su	L (12 P ppm)	M- (55 K ppm)	A&L Mill	5.9		
326	LUCHE 7	7	2009-Su	L (12 P ppm)	M (71 K ppm)	A&L Mill	5.9		
403	LUCHE 1	21	2009-Su	H (95 P ppm)	M- (58 K ppm)	A&L Mill	5.5		
403	LUCHE 2	5	2009-Su	L+ (16 P ppm)	L+ (49 K ppm)	A&L Mill	5.7		
403	LUCHE 3	8	2009-Su	H (76 P ppm)	M+ (121 K ppm)	A&L Mill	5.7		
403	LUCHE 4	12	2009-Su	M+ (45 P ppm)	L (25 K ppm)	A&L Mill	5.5		
403	LUCHE 5	6	2009-Su	M (34 P ppm)	L (21 K ppm)	A&L Mill	5.7		

Farm Summary Report

Plan: **New Plan** **Fall, 2009 - Winter, 2010**

Farm Name: **Carol H Edmunds**
Location: Lunenburg
Specialist: Recyc Systems Inc

Tract Name: **303**
FSA Number: 303
Location: Lunenburg

Field Name: **LUCHE 8**
Total Acres: 6.20 Usable Acres: 6.20
FSA Number: 1
Tract: 303
Location: Lunenburg
Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K		Lab
Su-2009	5.7	L(12 P ppm)	M-(59 K ppm)	A&L MIII	

Field Warnings:

Tract Name: **326**
FSA Number: 326

Location: Lunenburg

Field Name: LUCHE 6
Total Acres: 5.60 Usable Acres: 5.60
FSA Number: 4
Tract: 326
Location: Lunenburg
Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Su-2009	5.9	L(12 P ppm)	M-(55 K ppm)	A&L MIII

Field Warnings:

Field Name: LUCHE 7
Total Acres: 6.50 Usable Acres: 6.50
FSA Number: 6
Tract: 326
Location: Lunenburg
Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K		Lab
Su-2009	5.9	L(12 P ppm)	M(71 K ppm)	A&L MIII	

Field Warnings:

Tract Name: **403**
FSA Number: 403
Location: Lunenburg

Field Name: **LUCHE 1**
Total Acres: 21.00 Usable Acres: 21.00
FSA Number: 8
Tract: 403
Location: Lunenburg
Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K		Lab
Su-2009	5.5	H(95 P ppm)	M-(58 K ppm)	A&L MIII	

Field Warnings:

Field Name: **LUCHE 2**
Total Acres: 5.30 Usable Acres: 5.30
FSA Number: 2
Tract: 403
Location: Lunenburg
Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Su-2009	5.7	L+(16 P ppm)	L+(49 K ppm)	A&L MIII

Field Warnings:
Environmentally Sensitive Soils due to:

Soils with perent slope in excess of 15%

Field Name: **LUCHE 3**
Total Acres: 7.60 Usable Acres: 7.60
FSA Number: 1
Tract: 403
Location: Lunenburg
Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Su-2009	5.7	H(76 P ppm)	M+(121 K ppm)	A&L MIII

Field Warnings:

Field Name: LUCHE 4
Total Acres: 11.80 Usable Acres: 11.80
FSA Number: 4 , 5
Tract: 403
Location: Lunenburg
Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Su-2009	5.5	M+(45 P ppm)	L(25 K ppm)	A&L MIII

Field Warnings:

Field Name: **LUCHE 5**

Total Acres:	6.30	Usable Acres:	6.30
FSA Number:	3		
Tract:	403		
Location:		Lunenburg	
Slope Class:	B	Hydrologic Group:	B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

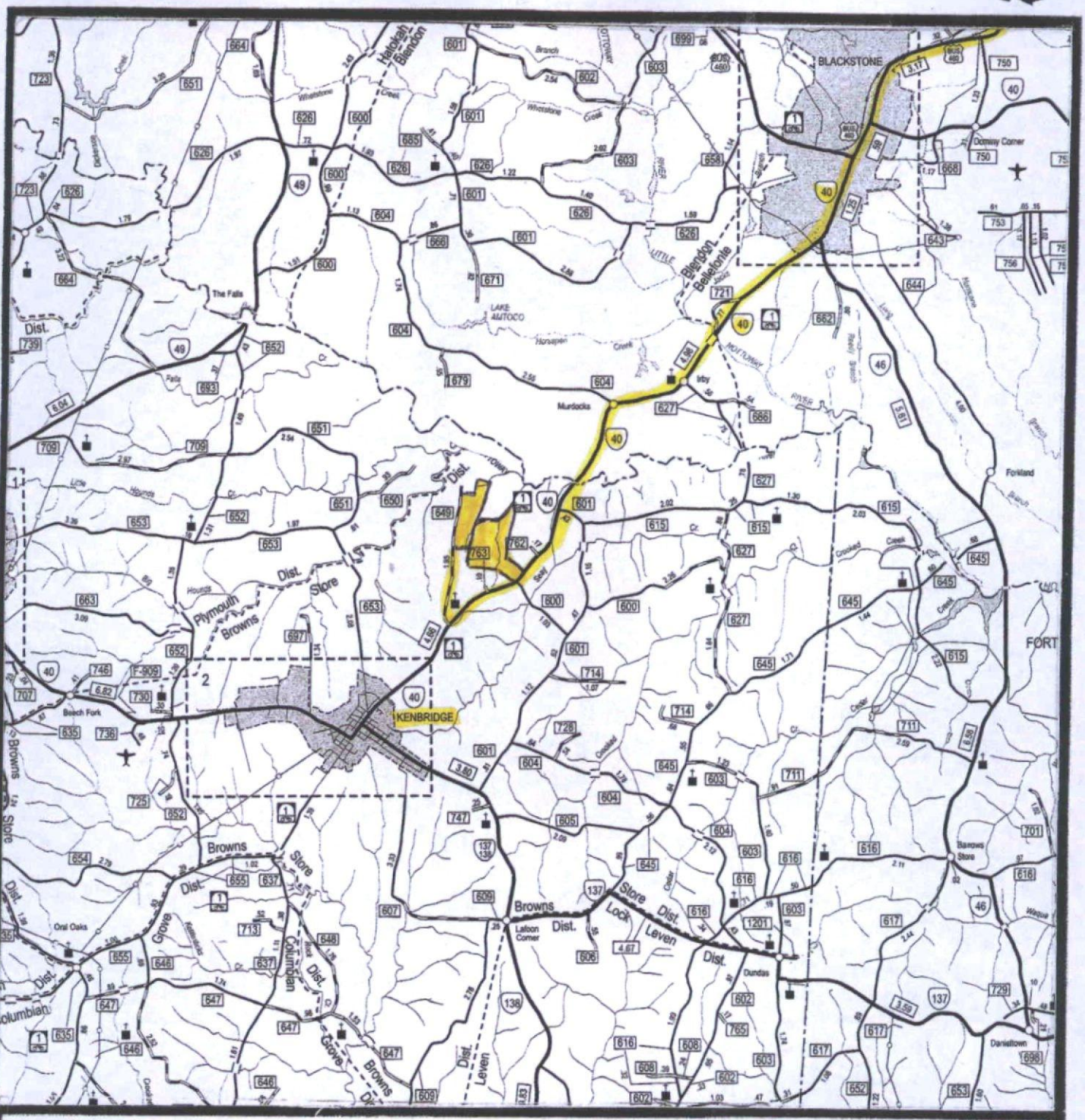
DATE	PH	P	K		Lab
Su-2009	5.7	M(34 P ppm)	L(21 K ppm)	A&L MIII	

Field Warnings:

MAPS

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1 inch = 2 mile

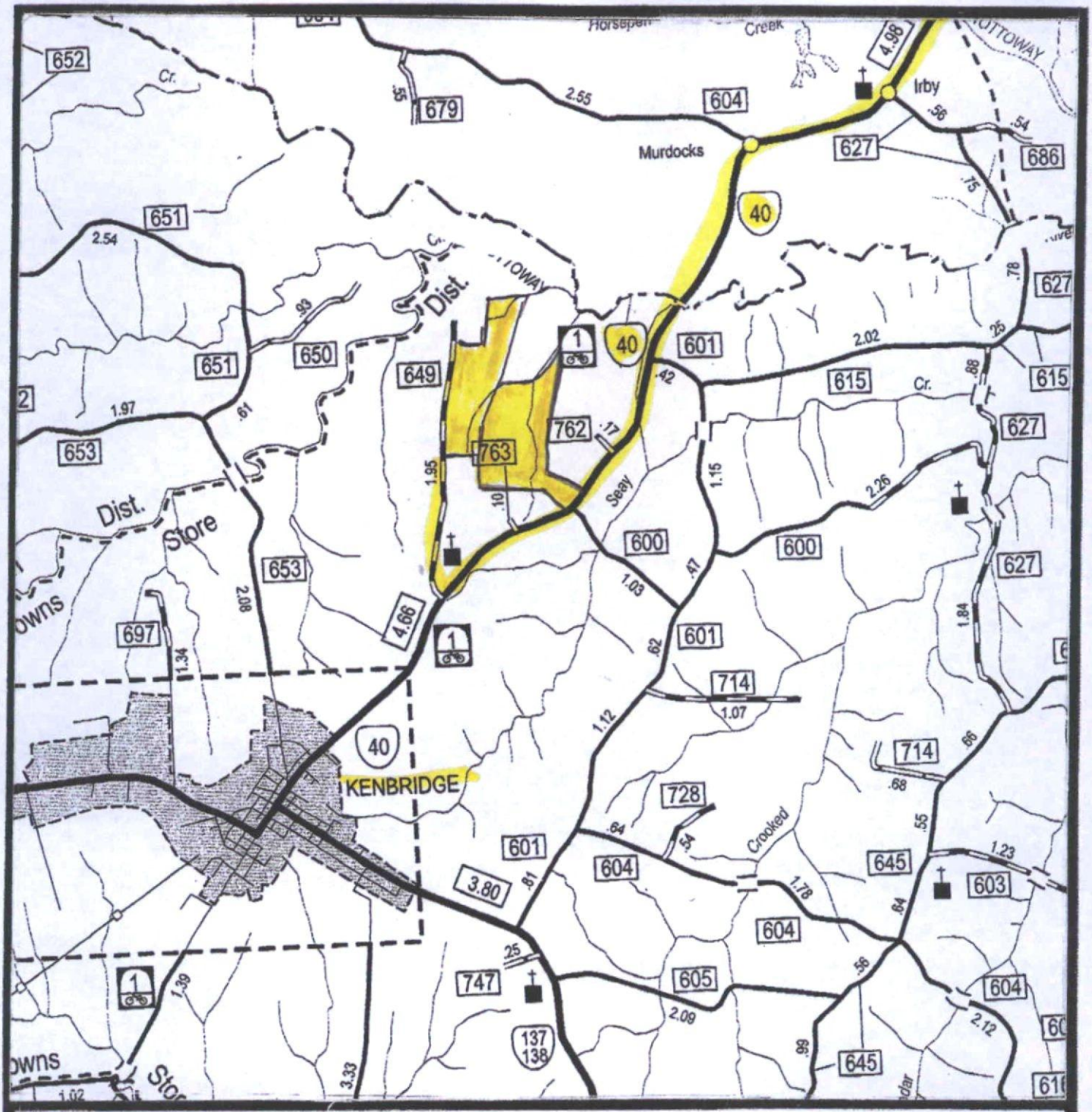
LUCHE 1-8

VICINITY MAP

N

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1 inch = 1 mile

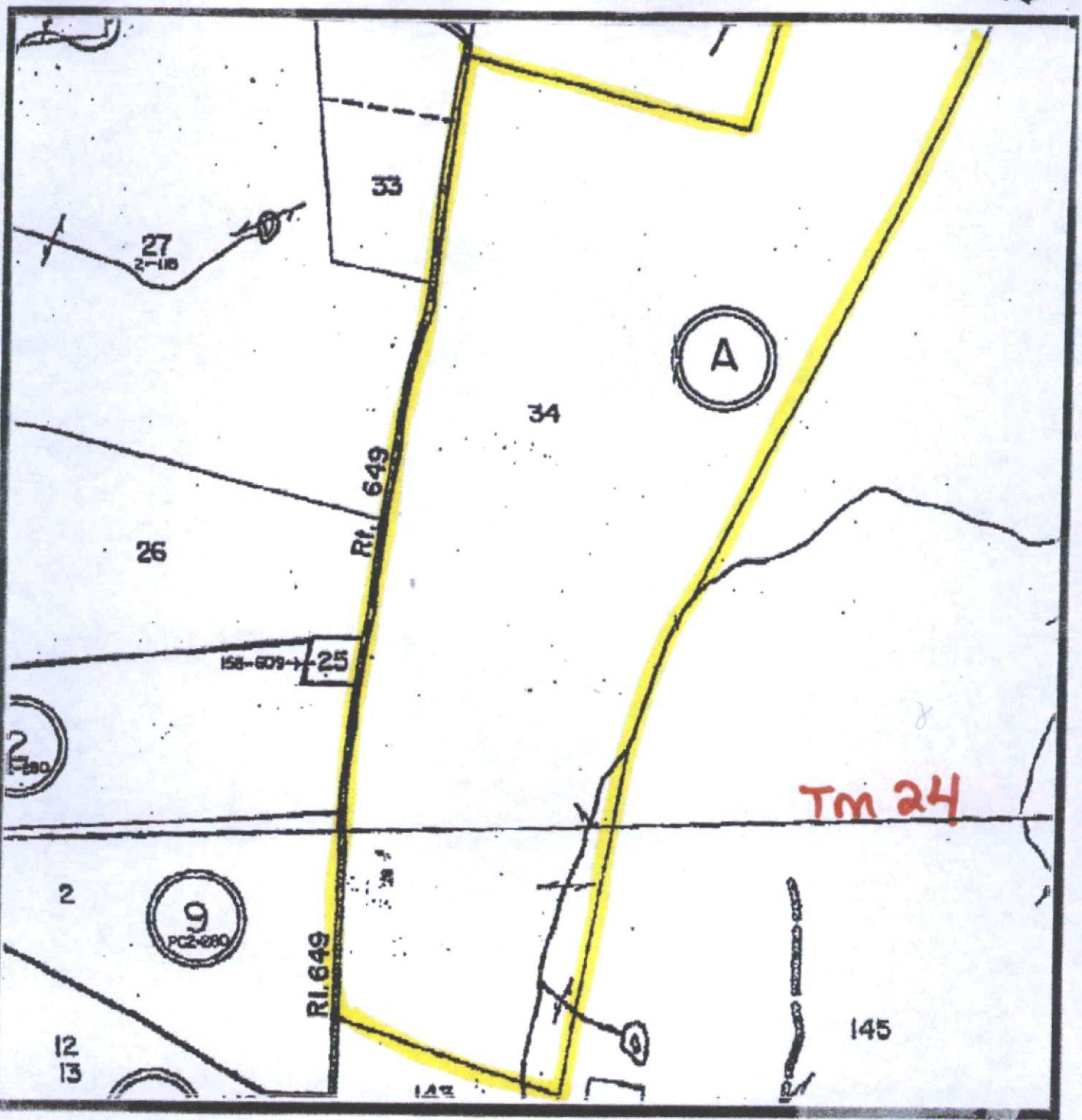
LUCHE 1-8

VICINITY MAP

N

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1 inch = 660 feet

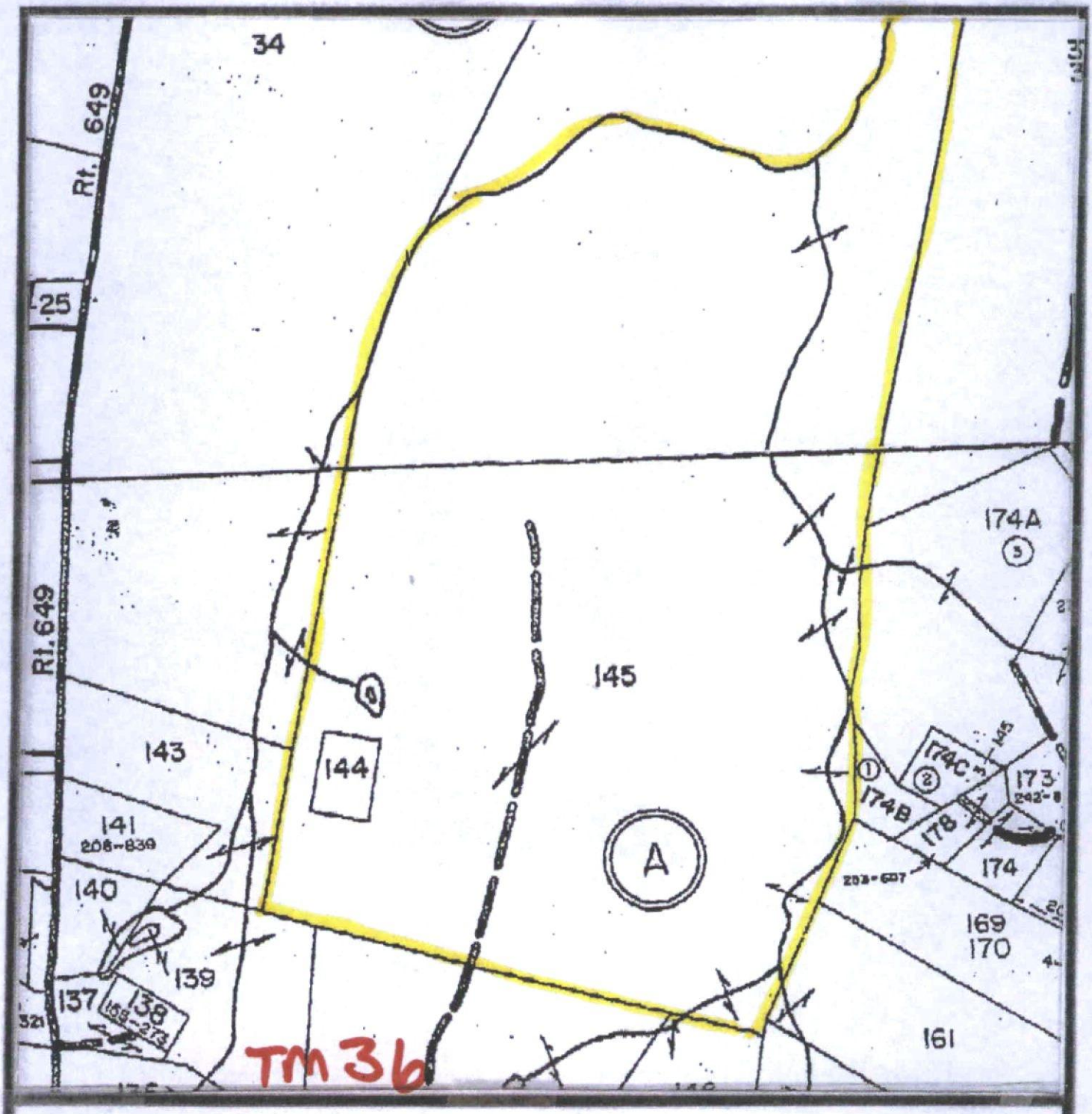
LUCHE 1-5

TAX MAP

N

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1 inch = 660 feet

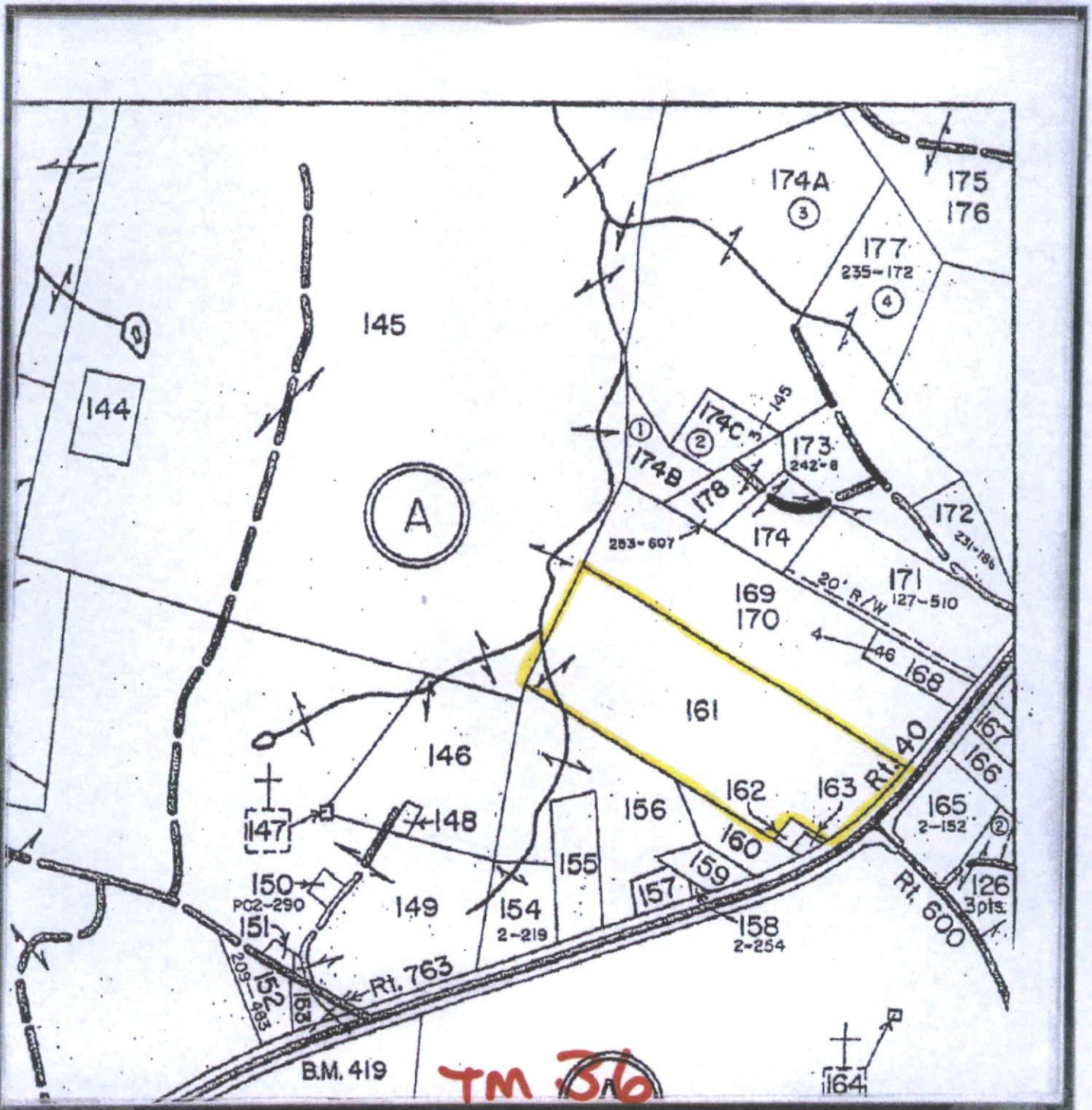
LUCHE 6-7

TAX MAP

N

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1 inch = 660 feet

LUCHE 8

TAX MAP

N

ADJOINING LANDOWNERS

CAROL H. EDMUNDS SITE

LUNENBURG COUNTY

Tax Map	Parcel #	Owner Name(s)
24A	26	W.T. Hatchett estate
	27	Thomas C., Jr. & Franklin M. Barnes
	31	RDS Estates Inc.
	32	Samuel Bugg
	33	Arthur N. or Virgie A. Shelton
	35	Solomon Winn
	37,38	Peter Berkley Winn, etal
24(2)	1	Richard Harris
36A	125	Ennis John Epley
	134,135	Richard W. & Rose A. Harris
	139	C.W. Elliott
	143	Nancy T. Smith
	144	William Holt Edmonds, IV
	146	Emma L. Crawley, Walter Fowlkes, Jr., Lawrence Fowlkes
	149	C.W. Elliott
	156	Sidney C. or Wanda S. Hill
	160	Calvin L. Coles
	162	Norman & Kathereen Wynn
	165	William E. Thompson, etal
	160,170	Leon D. & Mazie L. Smith
	174A	Judith K. Benfield
	174B	Milton F. or Nancy M. Smith

Recyc Systems™ Inc.

(Biosolids Land Application)

Scale: 1 inch = 660 feet

LUCHE 1-5

SOIL MAP

N

Recyc Systems™ Inc.

(Biosolids Land Application)

Scale: 1 inch = 660 feet

LUCHE 6-7

SOIL MAP

N

Recyc Systems™ Inc.

(Biosolids Land Application)

Scale: 1 inch = 660 feet

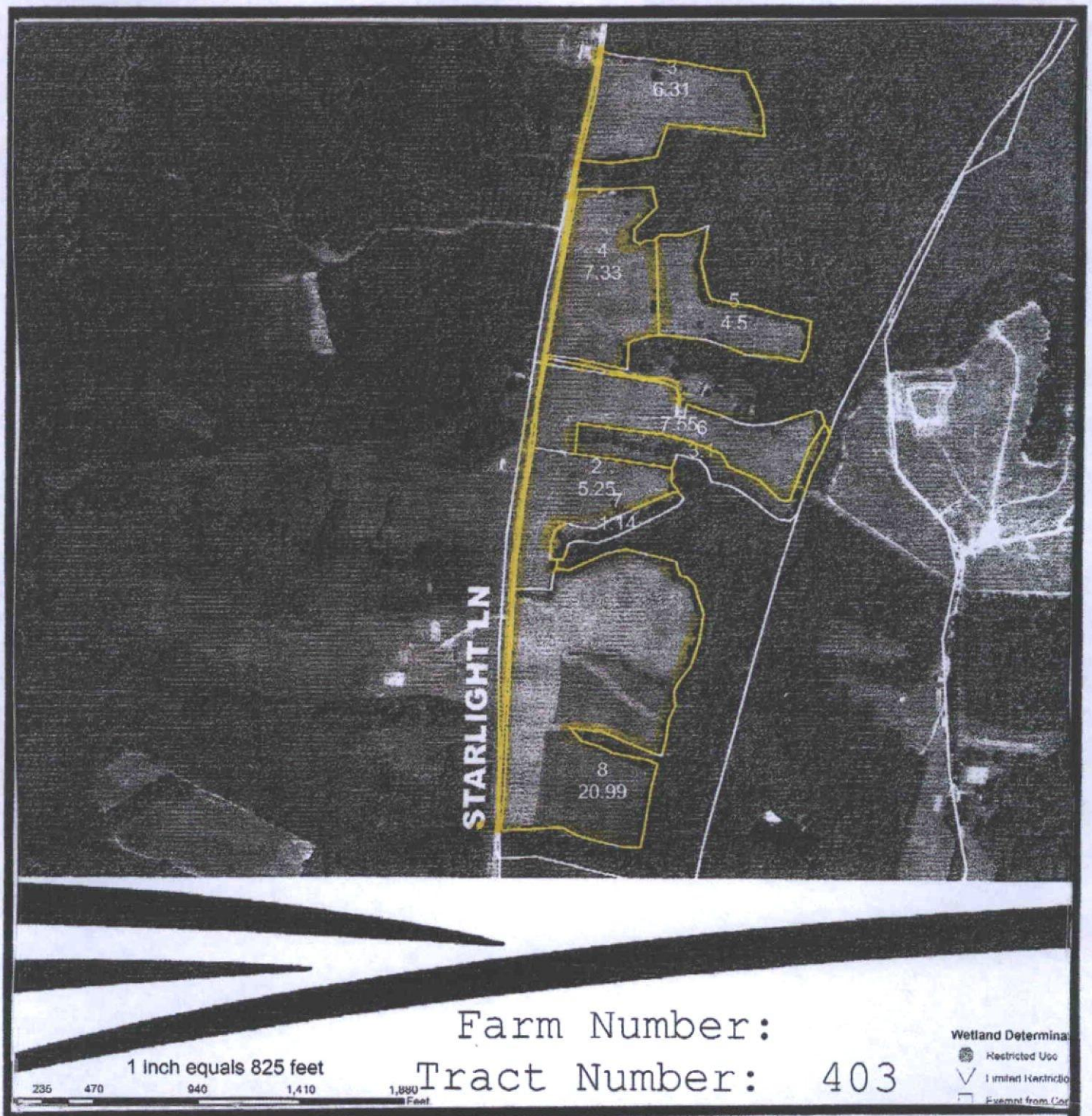
LUCHE 8

SOIL MAP

N

Recyc Systems™ Inc.

(Biosolids Land Application)



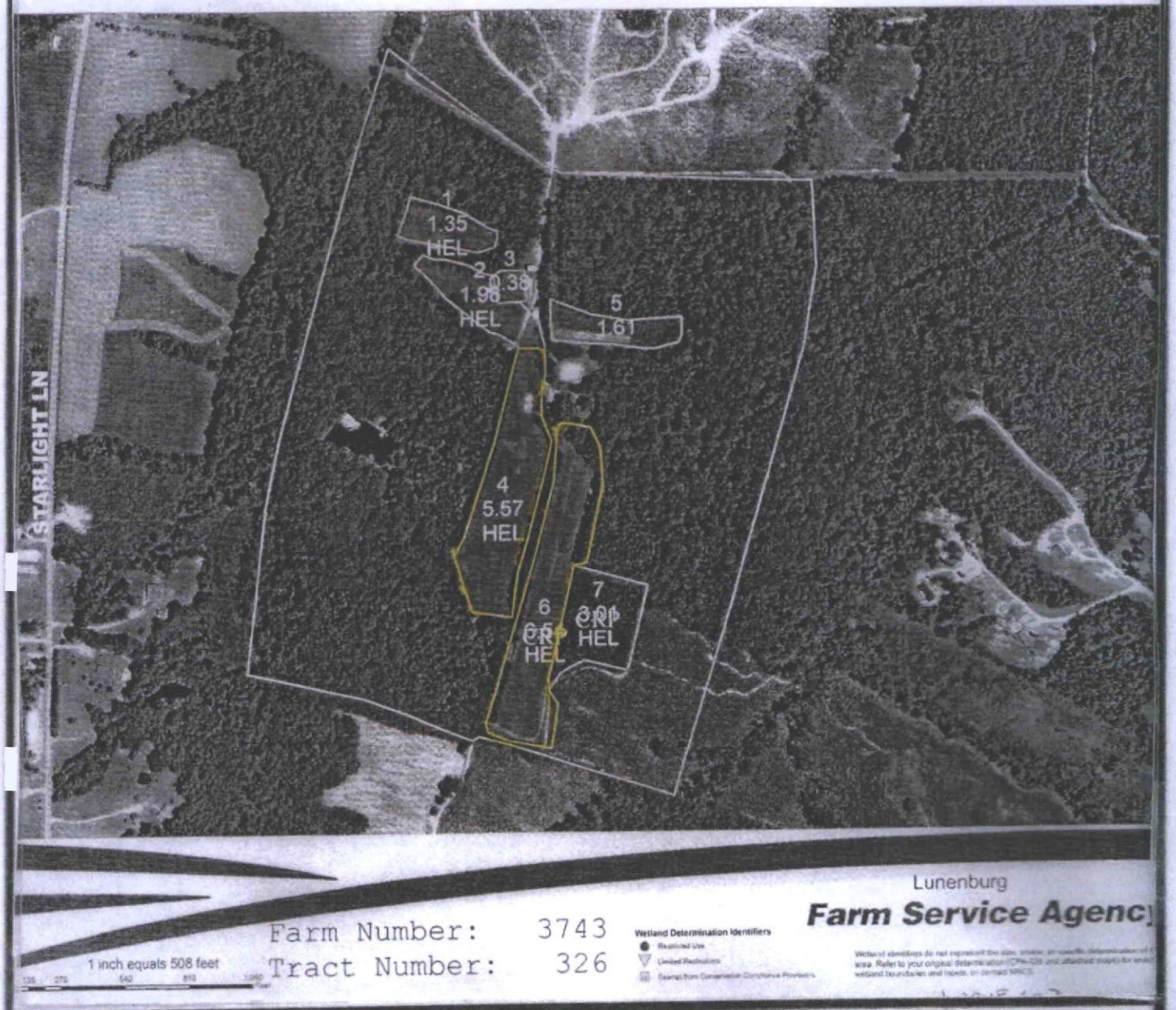
Scale: 1 inch = 660 feet

LUCHE 1-5

AERIAL MAP

N

Recyc Systems™ Inc. (Biosolids Land Application)



Scale: 1 inch = 660 feet

LUCHE 6-7

AERIAL MAP

N

Recyc Systems™ Inc. (Biosolids Land Application)

Scale: 1 inch = 660 feet

LUCHE 8

AERIAL MAP

N

Legend for Site Plan

House and Well

Well / Spring

Perennial Streams & Surface

Wet Spot

Intermittent Stream / Drainage

Trees and Woods

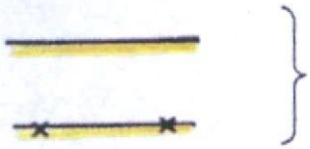
Private Drive

Rock / Rocky Area

Sinkhole

Severely Eroded Spot

State Road



Field Boundary / Fence

Property Line

Slope

Frequent Flooded Soil

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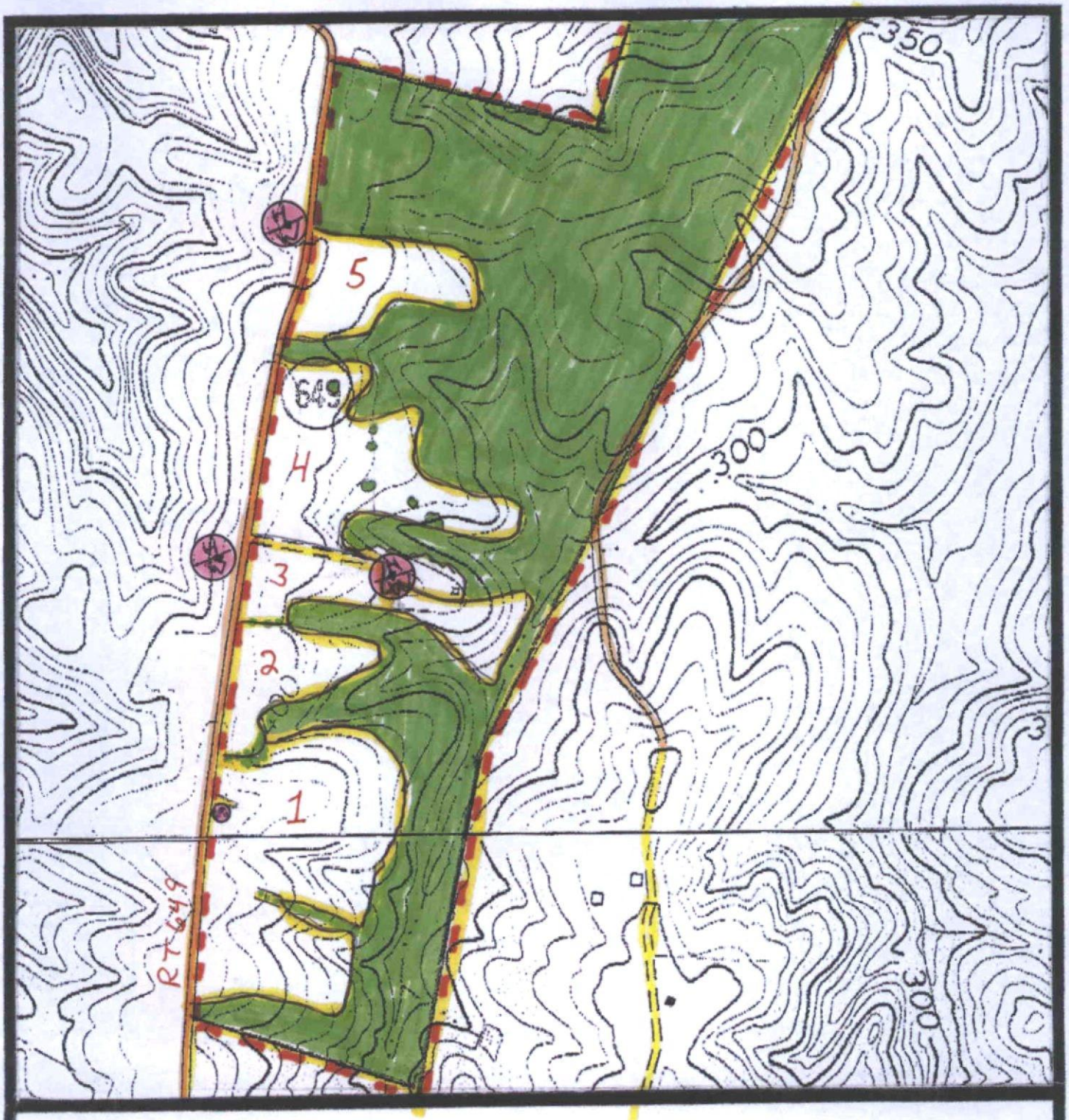
(Biosolids Land Application)



Scale: 1 inch = 660 feet

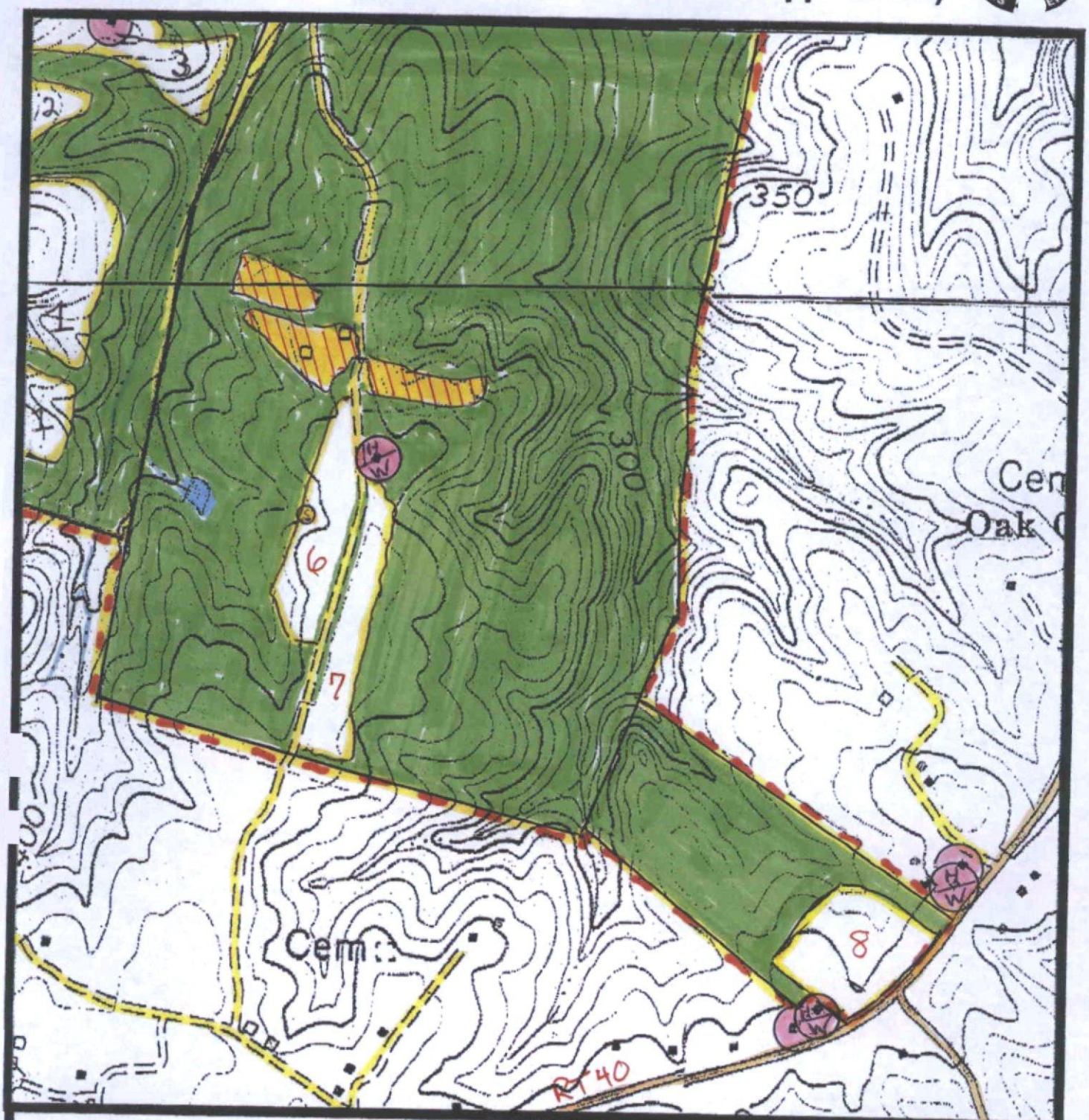
LUCHE 1-5

SITE PLAN

N

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1 inch = 660 feet

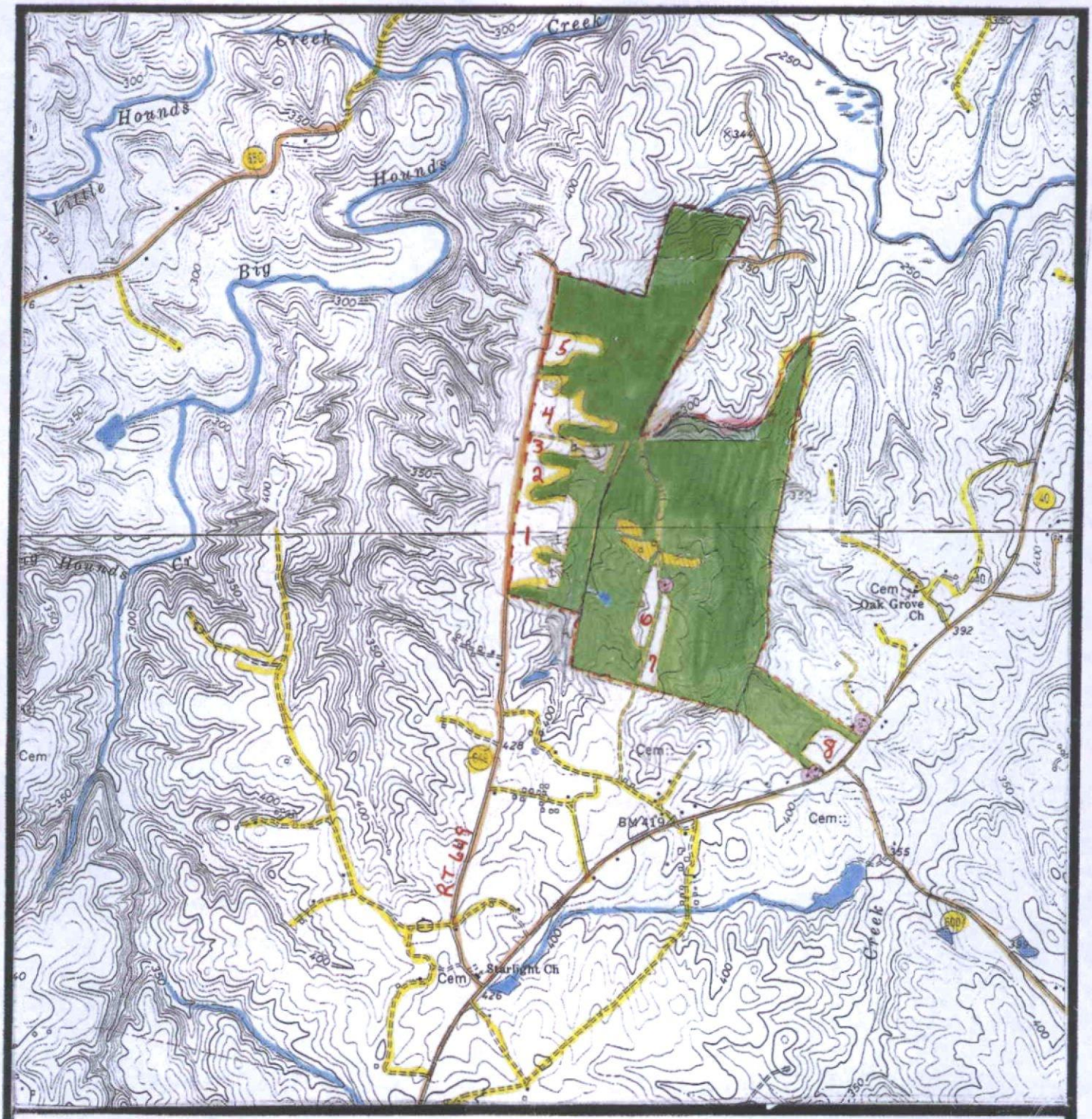
LUCHE 6-8

SITE PLAN

N

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1 inch = 2,000 feet

LUCHE 1-8

TOPOGRAPHIC MAP

N